CONTROLLING DELIVERY OF BROADCAST ENCRYPTION CONTENT FOR A NETWORK CLUSTER FROM A CONTENT SERVER OUTSIDE THE CLUSTER

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ABSTRACT

Controlling delivery of broadcast encryption content for a network cluster from a

10   content server outside the cluster that include receiving in the content server from the

network device a key management block for the cluster, a unique data token for the

cluster, and an encrypted cluster id and calculating a binding key for the cluster in

dependence upon the key management block for the cluster, the unique data token for

the cluster, and the encrypted cluster id. In typical embod0iments, calculating a

15   binding key includes calculating a management key from the key management block

for the cluster; calculating a content server device key from the management key and

the content server device id; decrypting the encrypted cluster id with the content

server device key; and calculating the binding key with the management key, the

unique data token for the cluster, and the cluster id.

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